Electronic Acknowledgement Receipt				
EFS ID:	2671432			
Application Number:	10674676			
International Application Number:				
Confirmation Number:	4999			
Title of Invention:	Systems and methods for logging and recovering updates to data structures			
First Named Inventor/Applicant Name:	Marc A. Najork			
Customer Number:	41505			
Filer:	Grzegorz Seweryn Plichta			
Filer Authorized By:				
Attorney Docket Number:	MSFT-2557/304882.01			
Receipt Date:	04-JAN-2008			
Filing Date:	30-SEP-2003			
Time Stamp:	14:14:08			
Application Type:	Utility under 35 USC 111(a)			
Payment information:				
Submitted with Payment	yes			
Payment Type	Deposit Account			
Decree at the engage of the received in DAM	1.			

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$1050
RAM confirmation Number	7971
Deposit Account	233050
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.
1 Miscellaneous Incoming Letter	Miccellaneous Incoming Letter	msft2557transmittal.pdf	39397	no	4
	msnzoo/transmittat.pui	a008aedc79a3d3d78e1f6d380a12el5e 8e45b505	110	4	
Warnings:		_			
Information:					
2		msft2557Response.pdf	70601	yes	13
2	10,000	msit2557 nesponse.pui	dl4dd195dl5ld6953d4925995ac3230c5 79a1d75		
	Multipa	rt Description/PDF files in	zip description		
	Document Description		Start	End	
	Amendment - After Non-Final Rejection		1	1	
	Claims		2	10	
	Applicant Arguments/Remarks Made in an Amendment		11	13	
Warnings:					
Information:					
3 Fee Worksheet (PTO-06)	fee-info.pdf	8191	no	2	
	ree worksheet (F10-00)	iee-inio.pai	9c21197147430dbee5de59b141a470a3 clb9c71	110	
Warnings:					
Information:					

Total Files Size (in bytes):

118189

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 566), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/IDO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filling Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.